COLLEGE IS FAR AHEAD THIS YEAR

Never Began a Session With An Outlook So Bright.

TEAM GOES TO LEXINGTON

Richmonders Will Try Honors With Washington and Lee University.

The first school day in October at Richmond College found the enrolment of students just fifteen in advance of the same period last year. There are now exactly 225 students at the college. The work of all classes has begun most pleasantly and everything is running smoothly. The students are very much pleased with the new professors. Professor J. C. Metcalf has large classes and brings from Harvard fresh ideas and a splendid enthusiusm. Likewise Professor J. M. Whitheld has caught the students by his carnestness and his humor; dents by his cornestness and his humor; and Professor W. S. McNeill with new methods and a decidef class-room elo-quence in his law lectures,

The Athletic Association met in its first session yesterday afternoon. The officers for the year are President, Dr. W. L. Fousher; Vice-President, Mr. T. E. Hughes; Secretary, Mr. P. S. Filippin; Treasurer, Mr. J. M. Shue.

Yesterday's session was brief but interesting. The record showed that much over hulf of the students had already joined the association, an unprecedented condition.

joined the association, an unprecedented condition.

A letter was read from one of the large retail houses on Broad Street making offer of the gift this year of a costly all-round athletic medal. This senerous gift was much appreciated by the boys. This medal will occur in May.

Mr. J. B. Webster was elected assistant coach of the foot ball team, an honor that is worthly bestowed. Mr. Webster was center of the last four football teams and last year was captain. Having played four years he is debarred from playing on this year's team, but he has appeared on the field every afternoon with suit on. His chief function will be to coach the second team.

Mr. Hays was at same time elected manager of the second team.

Mr. Hays was at same time elected manager of the second team.

The association is congratulating itself on this year's coach, Mr. E. A. Dunlap, Jr.

Team Goes to Lexington.

Team Goes to Lexington.

The team left last night for Lexington.

The team left last night for Lexington, Va., where they play Washington and Lee University to-day. Two years ago the game with this university resulted in a score of 10 to 0 in favor of Lexingtonians. This year's team is lighter than the former team, and as yet has had small practice, but the boys are expected to give a good secount of themselves. They are under the mangement of Mr. D. J. Carver, who went up two days ago to make arrangements for the team's comfort. They will return to-morrow.

went up two days ago to make arrangements for the team's comfort. They will return to-morrow went up to Lexington composing the team are: Mench, capture the team are the team

Pickett Camp Meeting.

Pickett Camp last night voted to atpart in the Crater fight with Mahone's men.

men.
The following delegates and alternates were elected to represent Pickett Camp:
J. E. Phillips, C. R. Wingfield, R. N. Northern, C. T. Leohr, Alternate—C. Zimmer, W. Miles Cary, E. S. Gibbs, J. T.

Comrade P. P. Winston will on next Monday night give the history of the Battle of Sharpsburg. The public is lavited to attend.

Can Shoot Deer Now.

The season for shooting deer opened Sunday, and will be open until January lst. From reports received from hunts-men from various countles, the deer are plentiful this season. Already many in the city are making preparations for bunts and for the next three months the animals will be chased



Quick Work.

The force of artists in our DEVELOPING and PRINT ING Department has been increased, which will enable us to firnish and deliver all orders in from

One to Four Days.

Our work will please you. Mail orders receive prompt attention.

THE S. GALESKI OPTICAL CO.,

Manufacturing Opticians and Expert Adjusters of Spectacles, Eyeglasses, Artificial Eyes, Etc.

Cor. 8th and Main Sts.

Don't Wait

for an ache or pain to get a firm hold upon you in the form of some disease—

The time to put out a fire is the second it starts—

The time to cure an ill is the second you feel it couling on—

The longer the delay—the harder the cure—

Now Is the Time

to buy a bottle of Hamlins Wiz-ard Oil and be ready when the

ard Oil and be ready when the trouble comes—
Rheumatism—Neuralgia—
Sore Throat—Grip—Lame
Back—Stiff Joints—Sprains
—Bruises—Burns—Scalds
—Pain from any cause—
Hamlins Wizard Oil will positively cure—Get the genuine
—HAMLINS—

Price, 50c. and \$1.00. FOR BALE AND RECOMMENDED BY

ALL DRUGGISTS.

WILLIAM A. HAYNES RELEASED YESTERDAY

There Was Nothing to Connect Him With the Boston Murder.

(Special to The Times-Dispatch.) roker Berkman, of Pleasant Street, came to the police headquarters this morn ing and saw W. A. Haynes, of No. 54 Chambers Street, whom the police were holding on information given by S. A. Wingfield, No. 3 Tremont Row, as hav-

holding on information given by S. A. Wingfield, No. 3 Tremont Row, as having his connection with the dress suit mystery. Berkman stated that Haynes was not the man who bought from him the dress suit case in which the woman's torso was found floating near Winthrop Yacht Club over a week ago, nor did Haynes resembled in any respect the purchaser of the suit case.

Haynes and Wingfield were then taken into Capiain Dugan's office and subjected to a close questioning for over an hour. Haynes and Wingfield were then released and took their departure by means of a back window to a yard, thence over a high fence. This rather extraordinary exit was made in, order to avoid the crowd that had assembled in Pemberton Square to see the men. In the crowd were numerous photographers, whose disappointment was expressed in terms more forcible than elegant.

There is no suspicion that W. A. Haynes had anything to do with the Winthrop Beach dress suit case mystery. Capiain Dugan heard what Wingfield had to say about Haynes and then gave Haynes a chance to cross-examine his accuser.

Wingfield is employed Sundays as a

The family of young Haynes here was much gratified by news of his release, which, however, they had confidently expected.

BONAPARTE SAYS DEMOCRATS APPEAL TO RACE PREJUDICE

(By Associated Press.)

WASHINGTON, October 2.—Concerning the action of the Republican convention at Baltimore, of which he was chairman, Secretary Bonaparte has written a letter, in which he says in part:
"In the campaign now in progress in Maryland, the Democratic 'ring' relies for success, as it has relied for success in many campaigns during the past thirty-five years, upon appeals to race projudice. To inflame this prejudice, it is requently circulated and it circulates now many utterly false and indeed ridiculous stories of what the Republican party would or might do if entrusted with power by the voters."

AN UNKNOWN VIRGINIAN IS DEAD AT UNION, S. C.

(Special to The Times-Dispatch.)
CHARLOTTE, N. C., October 2,-CHARLOTTE, N. C., October 2.—The unknown white man who was found bieeding and unconscious by the Southern Railway tracks, near Union, S. C., died to-day without regaining consciousness and his identity, as well as the cause of his death, are still a mystery.

The memorandum book in his pocket bore the name L. M. Travitt, Wellington, Va., but a telegram from that town states that he is not known there. An inquest will be held Wednesday.

The cruiser Cincinnation SEEMS TO BE ALL Right Country of the company.

THE CRUISER CINCINNATION SEEMS TO BE ALL RIGHT COUNTRY of the company.

THE U. S. AND FRANCE ARE CONSIDERING VENEZUELA

(By Associated Press.)
WASHINGTON, October 2.—Venezuela
and her troublous conditions are now the
subject of earnest consideration by the
Washington and Paris governments.
Just from Paris with full instructions,
Mr. Jusserand, the French ambassador,
called at the State Department to-day,
and was in conference with Secretary
Root for half an hour. No course of action was agreed upon to-day and none
was proposed. was proposed.

AN IMPORTANT CLUE FOR DRESS SUIT CASE MURDER

(By Associated Press.)

BCSTON, October 2.—Whut the police consider an important and promising clue to the solution of the Winthrop dress-suit case mystery developed to-night. The officers believe they have learned the name of the man who bought the two dress-suit cases at the Bouth End pawnshojes, and they have secured a photograph of the suspect. It is possible, they say, that an arrest will be made to-mortev.

CHILD THROWN FROM A PORCH

Father, While Drunk, Painfully Injures His Little

DRANK PINT OF KEROSENE

Lad Had Narrow Escape From Death-Thought Oil Was Water.

ed to No. 315 North Twenty-sixth Street yesterday morning to treat Floyd Inge, a two-year-old child, who had been thrown from the rear porch by his drunk-en father. A wound six inches in length was made in the right side of the child's head. The gash extended across the temble.

en fittner. A wound six inteness in length was made in the right side of the child's head. The gash extended across the temple.

When the ambulance arrived and Dr. Witten looked at the child he saw at once that chloroform would have to be administered to perform the operation. All the while the father, very much intoxicated, was interfering with the surgeon. Once the physician had to threaten his arrest to make him keep away until the wound could be sewed up. An old negro "Manimy," who was at the house, was very solicitous of the little one's welfare and did not spare her abuse of the father, who had caused the child's wounds. The old negress spoke just what she thought and her language was agt at all those of the very best.

It was said afterwards that the father had thrown the child out of the porch, but had attempted to catch it before it siruck the ground. He fell down the steps and, some said, rolled over the child.

Late in the afternoon Dr. Witten was called to No. 515 South Cherry Street

steps and, some said, rolled over the child.

Late in the afternoon Dr. Witten was called to No. 516 South Cherry Street to treat Joe Isate, a two-year-old boy, who had drunk about a pint of kerosene oil. The child, seeing the oil, thought it was water and drank a large quantity of it. The proper antidote was administered and the child will suffer no cyleffects from the kerosene.

Gladys Mosby, a little negro child, was playing with a doll on Third Street, when she stumbled and fell on the doil. Her head struck the doll's head and several cuts were made in her scalp. She was treated and left.

Perry Wilkins, a negro boy, ran into a crap game and some one struck him about twenty times over the head with a black jack. Dr. Wilten had to sew his scalp together.

While at work at the Locomotive Works, Mr. T. R. Harris had his great on manded off vesterday afternoon. He

scalp together.
While at work at the Locomotive
Works, Mr. T. R. Harris had his great
toe mashed off yesterday afternoon. He
was taken to the Virginia Hospital.

ARE COURT-MARTIALED.

Two Soldier Lads Face Charges Corporal to Join Regulars.

Corporal to Join Regulars.
There were two prisoners before the court-martial which was held in the Severth-Street Armory yesterday morning. The verdict in either mase is not known as yet, and will not be made public until it is passed upon by Adjutant-General Nalle and forwarded to Goveror Mentague. Private Ford, of Company "H" of the

Private Ford, of Company in Sec., its five the charge of conduct unbecoming a soldier. It was allesed that he broke a window while at Basic City. There was, it is understood, another charge against him registered Basic City. There was, it is understood, another charge against him registered from the city.

Pilvate V. S. Goodman, of Company "F," was tried upon the charge of absenting himself from drills and inspec-

an order honorably discharging Corporal Orkin S. Walden, Jr., of Compary 'B,'' of the Seventieth Regiment, Corporal Walden will join the United States Army within a short time, Cempany "C," Captain G. N. Sklp-with commanding, held its regular drill at the armory last night.

EQUITABLE AND RYAN.

The Legality of His Actions

The Legality of His Actions Questioned in Court Proceedings, (Special to The Times-Dispatch.) NEW YORK, October 2.—The legality of the appointment of Paul Morton and the naming of Grover Cleveland, J. G. Morgan, J. O'Brien and George Westinghouse, as trustees of the Equitable, as well as the transfer to Thomas F. Ryan of the James H. Hyde stock, has been questioned in a court proceeding. ocen questioned in a court proceeding.
Alexander and Green, counsel for the

(By Associated Press.)
WASHINGTON, October 2.—The Navy
Department to-day received a cablegram
appounding the arrival of the cruiser
Cincinnati at Moji, and stating that the vessel would sail from Moji for Shanghai, No reference was made in the dispatch to any mishap.

An Associated Press dispatch from Tokio, dated October 2d, says the Cin-cinnati was aground on Hime Island, eighty miles west of Nagasaki,

WALTER E. SHELTON IS DEAD IN KNOXVILLE, TENN.

A GREAT NORTHERN TRAIN IS HELD UP

(By Associated Press.)
SEATTLE, WASH.. October 2.—A Great
Northern train was hel dup six miles
north of Ballard, a suburb of this city,
about 11 o'clock to-night. Fifty shots
were exchanged, and two explosions were

PROMINENT MAN FOUND DEAD IN HIS OFFICE

(By Associated Press.)
HOUSTON, TEX., October 2.—Dr. Max Uriwitz, president of the Houston Turn Varein, president of the Board of School Trustees and Republican candidate for Congress, was found in his office here early to-day. He had been dead several hours when found.

Richmonders in New York

(Special to The Times-Dispatch,)

(Special to The Times-Dispatch,)

NEW YORK, October 2.—Helleclaire—J.

B. Degman, Mrs. G. F. Winch. Park
Avenue—J. Davies and wife. Earlington—
W. G. Tyler. Imperial—G. S. Hinds, J. T.
Sloon. Heridd Square—E. A. Constine,
York—E. A. Echol. Cadllac—W. C.
Miller. Hotel Astor—F. W. Purcell, N. V.
Randolph, A. J. Cavanaugh. Cumberland—C. E. Sayless.

Wednesday Club To-night. The Wednesday Club will meet to-night at the Y. M. C. A. Hall to plan work for the winter. The new director, Dr. Peters, will be present for the first time.

J. L. Spauldsbury. The remains of Mr. James Floyd spauldsbury, druggist, who died suddenly sunday night, were shipped to Alexandria yesterday for burial.

A MOB INTIMIDATES A JUDGE IN COLORADO

Dragged Him From a Train and Forced Him to Rescind An Order.

(By Associated Press.)

DENVER, COL., October 2.-The spec tacle of a member of the judiciary dragged about by a mob and forced to reseind an official order ended a day of turmoil at Brighton, Colorado, the county scat of Adams county, adjoining the city limits of Denver. A. H. Guthlel, county judge, summoned the Mayor, marshal and members of the town board before him to-day and lectured them for their alleged failure to enforce ordinances against

leged failure to enforce ordinances against gambling and Sunday liquor selling.

Following this, he ordered the sheriff and marshal to gather the slot machines in the town of Brighton, and when they reported later that they could only find one, Judge Guthlel deputized two men to arrest them for contempt. In the meantline both the shoriff and the mershal disappeared.

The report of the judge's action concerning the two peace officers spread through the town and caused much excitement. Citizens began to gather on the streets, and fearing for his personal safety, Judge Guthlel boarded a Union Pacific freight engine as it was pulling a train slowly through the town. A mob gathered around the engine and Judge Guthlel was dragged from the cab. He was told that he must rescind his order of arrest against the sheriff and marshal, and upon being assured that

marshal, and upon being assured that he had already done so, the judge was

HILL CONTEMPTIBLE AND IMPUDENT, SAYS JEROME

A Warm Brief in Court in Reply to the Former Senator.

(By Associated Press.) ALBANY, N. Y., October 2.—The f Amert T. Patrick, who, since March 26, 1902, has been under conviction of Ham Marsh Rice, in New York city, ir 1900, cume again before the Court of Appeals to day in an aspect as remarkable

Alexander and Green, counsel for the socioty, were to-day gerved with an amended complaint in the suit brought by Herbert Tull and others, policyholders, in the Supreme Court, asking for an adjudication regarding the rights of the policyholders to the surplus of the company.

The court is asked to ffeelde upon the justice of the allegations made by the plaintiffs that Mr. Hyde could not give to Mr. Ryan a clear title to the 502 shares of stock which gives to Mr. Ryan conjudge John Clinton Gray, one of the company.

THE CRUISER CINCINNATI

SEEMS TO BE ALL RIGHT

The opposing brief of District Attor The apposing briot of District Attorney Jerome characterizes Senater Hill's comment upon Judge Gray's participation in the Judgment of the court as being such as "no degree of entinence in counsel could render respectable."

'I'ne suggestion that Judge Gray violated the proprieties in taking part in this case is as contemptible as it is impudent,' the District Attorney's brief declares.

COUNT WITTE TO BE CHIEF OF NEW CABINET

A Position of Highest Honor Offered Him By the Emperor.

(By Associated Press.) ST. PETERSBURG, October 2. The ablact, the creation of which is called for by the institution of the imperial douma, with the right of interpellation was offered to Count Witte Friday last DOWIE'S STAFF SAY HE

HAS NOT BEEN PARALYZED

(By Associated Press.)

Ethibits Special Dispiny of

Ethibits Special Dispiny of

HOTSE Show Hats

HOTSE Show Hats

Tampico. Dowie has been confined to his car since his arrivel.

While admitting that the "general overseer is not very well," the members of his staff deny that he has been stricken.

With paralysis."

Tuesday, October 3d Only,

With Emperor, account Witte to-day decilined to confirm the report, but it is known that, at the Pmperor's request, he has abandoned his plan of going abroad in order to assist in the elaboration of the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chanterian in the Pight of Interpellation, was offered to Count Witte to-day decilined to confirm the report, but it is known that, at the Pmperor's request, he has abandoned his plan of going abroad in order to assist in the elaboration of the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet, and an official who is very close to Count Witte said that his nomination as Chantella and the project for the cabinet,

POLICE BOARD TO-MORROW NIGHT

Question of Returning to Three-Station Plan to Be Considered.

NEW OFFICER TO BE CHOSEN

Successor to Krausse Will Have to Be Selected-Physicians' Pay.

The meeting of the Police Board tomorrow night will be the most important
one held in months. There will be several
matters of particular interest to the one
hundred and one patrolinen of the ely
as well as to a host of citizens.

There seems little doubt but that the
question of reestabilishing the Becond District at Sixth and Marshall Streets will be
a subject for discussion, and some action
may be taken looking to the doing away
with the inspectors office at this site,
and putting a station-house there. Merchants on Broad Street in the vicility
of Sixth and Marshall Streets have complained that there are intherous thefts
of late and that in their opinion the establishment of a station-house at this
place would alleviate this evil.

There are many officers who think that
the establishment of two station-houses
was a mistake and did harm to the putrol system inaugurated years ago. Sixth
and Marshall Streets, it is claimed by
many, is the most desirable place by
many, is the most desirable place for
Street, and within a section that need
Street, and within a section that need
the attention of the police quite frequently.

the attention of the ponce durently, abit aside from this question there will be other interesting matters to occupy the attention of the commissioners. The resignation of Patronian Krause will be accepted—for there is no alternative since Mr. Krause has accepted another position and gone to work at it—and it is likely that some one will be named as his successor.

Will Tally Be Retained There?

Will Tally Be Retained There?

The question of whether or not Sergeant Talley is to remain as crier of the Polico Court will be something for the Commissioners to decide upon. When Sergeant Thomas was placed upon the retired list two months use placed upon the retired list two months use placed upon the retired list two months. He has held the position well and to do away with his services in the Police Court would be a serious mistake, so think those who know about the situation say.

The patrolemen receive \$76 per month-that is, patrolemen who have been on the force longer than these years a new officer of the patrolement of the police of the police fund, for the officer, if disabled after being with the department for only one month, would receive the same shonefits of a man who had been there for twenty-five years. But every one of the men has to pay \$1 a month to the relief association fund, and another dollar for the salary of the physician receives \$80 per month, which is pad by the patrolnen, the capitains and chief being exempt from the payment of this tax, it is proposed to increase the salary of the physician to the police to \$80 per month, and each man will contribute his pro rata of the amount.

Mr. Grady Disappears.

Mr. H. B. Grady, ladderman of Truck Company No. 1, and who had sleeping quarters in the Broad Street Engine House, disappeared very suddenly about two weeks ago, and nothing has been heard from him since. The matter was reported to the Board of Fire Commis-sioners for action.

PHOTOGRAPHS ON FRUIT Pictures On Apples and Peaches

Common in Paris. Photographs on fruits are not novelties exactly, but it is only comparatively recently that they have become products of commerca. Nowadays, however, they are somewhat of a fad in Paris. In an article from Cosmos, translated by the Literary Digest, the method of producing such horticultural oddities is described as fol-

ows: Without being difficult or complicated, photography on fruits cannot be accom-plished without care; it would be useless to try it with summer fruits that are served as soon as ripe, and with winter fruits those varieties should be selected that color with the greatest intensity, such as certain kinds of appes. Besides, the skin of the fruit shoud be free from all color at the beginning of the operation; in a word, it should be sensitive to the action of light. This sensibility is obtained by enclosing the fruit in bags... up to the moment of exposure.

tailed by occosing the train of exposure.

. . . up to the moment of exposure.

The negative may be simply designs cut out of light but opaque paper or photographic films; the results are, of course, not the same in the two cases. For the preparation of paper designs a thin paper of inactinic color should be used—black, brown, red or orange; they may be prepared in two ways, the design appearing in open work on an opaque background, or the reverse.

The preparation of photographic films is not so simple.

Only very thin and flexible films can be used.

The

and flexible films can be used, ... The negatives should present strong contrasts; in photographic parlance they should he "hard." Many fruiterers find that kodak films answer the purpose perfectly; others think that thinner ones are necessary. A friend finds that for fruit-photography the very thin free films used by photoengrayers are best best.

Color of Gold.

Color of Gold.

The idea that gold varies somewhat in color, according to the locality in which it is found, is widely prevalent even among where and money changers and handlers in the gold-producing district, but such notida is, on the authority of exports at the Philadelphia mint, wholly erroneous,

Pure gold—that is, gold without any alloy, or other impurity—is of one univarying, unchanging color. Few people, however, see such gold. All the gold of commerce used either as money or for jewelry has alloy in it after it is manufactured into the desired article. I wen the nugget of gold, which is sometimes quite pure, is covered with aitt and stains on the outside that conceal its true color, and all gold dust which is molted at the place of mining contains impurities which go into the bar.

This is the reason why Mexican gold, for instance, has a redder tinge than that of California, and the same is true whether it be a piece of money or jeweity. The red tings is caused by the presence of copper, and the paler tinge by silver, and in the mints of the different countries the amount and kinds of alloy used differ sufficiently to give different thits to the money.—Philadelphia Record.

Advice to the Aged. Age brings infirmities, such as slug-gish bowels, weak kidneys and blad-der and TORPID LIVER.

IMPARTING VIGOR. to the kidneys, bladder and LIVER,

for the New Suits for the Horse Show.

The Horse Show Suits are here for woman in ample variety. Nothing more interesting than these models specially gotten out for this occasion. It's simply out of the question to try to describe the many beautiful creations awaiting your inspection. Oblige us by paying a visit. You'll be very welcome!



At \$15.00 Cheviot and Broadcloth Suffs, coats inches to 36 inches in length fitted, satin lined, killed skirts, well tailored.

At \$20.00 Eton Suits of elegant Broadcloth, skirts box plaited from knee; also 42-inch Coat Suits, in the popular shades of Broadcloth.

At \$25.00 Nobby 52-inch Coat Buits of Gray Panama Cloth, also Broadcleth, single breasted, buttoned through, killed skirts. At \$30.00 Figlish Walking Suits, with the coat, plaited skirts; colors: Nobby grays and coverts.

At \$35.00 Striking Empfre Coat Suite—fash-tures, yoke, collar and cuffs piped with centrasting shade; new circular skirt.

At \$40.00 Handsome Imported Broadcloth Suits, 50-inch platted coat, peau de sole shawl collar; platts stitched to form girdle, now flare skirt. The whole representing the height of ideal tailoring.



OF MILK SUPPLY

Interesting Results of Recent Scientific Study of Methods Employed By Dairies.

PRESENT CONDITIONS FAULTY

Clean Stables and Clean Cows Would Work Great Change in Infant Mortality.

Most of us realize the importance of

pure milk supply, but few of us realize how supersensitive to contamination milk the extent of this contamination and to devise a remedy for it that the argicultural stations of the University of Minois began a series of investigations The result of these investigations, now made public, should be of great hygienic value. These experiments have been under the direction of Wilbur J. Fraser, most exact information in regard to the could be followed out by every dairyman

unfavorable conditions,
As ordinary handled it is not in suitable condition for human food for longer able condition for human food for longer than from twelve to forty-eight hours after it is drawn, the time depending upon the temperature at which it is held. Generally speaking, it costs as much to deliver milk to the consumer after it is produced as it does to produce it; yet, if it were perfectly pure, large supplies of milk could be delivered at one time and thus reduce the delivery to once a week, or even less frequently, which would both increase the producer's profits and reduce the price of the comsumer. On the other hand, the health of the community would be greatly benefited, and there can be little doubt that the mortality among infants during the summer months would be markedly decreased under proper conditions of production.

Counting Bacteria in Milk.

Counting Bacteria in Milk.

In order to determine the amount of bacteria that develop in a given quantity of milk, after drawn from the milk glands of a healthy cow, which are germ free, circular glass dishes, with vertical sides, having covers fitting over the sides, were used. These dishes were washed and sterilized and then covered with sterilized boulilon, about one lighth of an land in depth. This beef bouilion furnishes the nutriment material for the growth of bacteria. If these dishes, which were exposed for a brief time, were contaminated during the process of milking, germs would readily develop, and the amount of contamination could be determined.

When the exposures were made in the open field fifty per cent, were sterile, while of those made in the barnyard only twelve per cent, were sterile. The result obtained in barns show that with a dry and dusty floor, the bacterial contents of the air is large when the cows are in the barn, even though they are not brushed and no hay or bedding is used. Dust arising from brushing cows is even more heavily laden with bacteria than results from most other sources.

To avoid evils of contamination, simple did relatively inexpensive methods of handling the milk may be employed. In the first place, the stable and its surroundings should be clean. A yard sloping from the harn and covered with gravel or cinders, is an important factor in the production of clean milk. The stable need not be of costly construction, but should be arranged with a view of cleanliness and the comfort of the cows a year will greatly aid in keeping it in a sunitary condition. An abundance of light and fresh air is likewise necessary to the common projection of wholesome milk.

Cows Must (2 Kept Clean.

to the common production of wholeshed milk.

Cows Must : Kept Clean.

The animals then lives must be kept clean. A large soul of contamination comes from the udders. These should be washed before milking. These should be washed before milking. The number of colonies of bacteris developed from exposures of apparently clean, urwashed udders was three times as many as under the same udders after washing. With solide or muddy udders, such as are frequently found in duries, the benefits derived from washing udders are much greater than these results show. With udders that were apparently clean, it was found that an average of three and a half times as given dirt

fell from the unwashed udders as from the same udders after they were washed, with solled udders the average was 18, and with muddy udders, 90 times as much dirt from the unwashed as from the washed.

Cooling the milk to a temperature of 50 degrees Fahrenheit or below, as soon as it is drawn checks the action of bacteria, thus adding to the keeping quality of milk. Bolling milk at the dairy prevents contamination during delivery and subsequently. Everything in the dairy room must be kept clean, and the floor must be damp. Under these conditions, germs cannot fly about. The utensilis used in the dairy should be washed and sterlized after each using.

The consumer, too, has a responsibility. washed and sterilized after each using.

The consumer, too, has a responsibility,
The milk must be kept cool after delivered and properly protected from dust
and odors. If these pre-causions were
taken by both consumer and producer,
large sums of money would be saved
annually and the cause of public hygiene
greatly promoted. It costs but little in
care and money; the results would be
tremendous for good.—Philadelphia Record.

LABORATORY DIAMONDS Small in Size, But Perfect in

Transparency. overy of great scientific interest n regard to the artificial production of diamonds is said to have been made by Dr. C. V. Burton, a Cambridge sevant who, it is claimed, has demonstrated the

who, it is claimed, has demonstrated the success of a new method of artificial manufacture not involving high pressure, one of the essential factors in the experiments formerly carried on by Mr. Molssau.

"The process," Dr. Burton explained to a representative of the London Chronicle, "Is one which involves the employment of a molten allow of lead with about 1 per cent. of calcium holding in solution proportion of carbon. It seems," he added, "to be the calcium which enables the carbon to remain in solution. When the carbon to remain in solution.

action the carbon crystalizes out as illumond."

diamond."

Aliuding to the seuggestion that the new discovery might lead to the profitable production of artificial diamonds. Dr. Burton said: "There was no such idea contemplated. The results are only in a preliminary stage, and certainly, so far as it looks at present, the research only promises to be of scientific interest. Of course, there is no reason we know of why diamonds should not be produced of considerable size, only we have to course, there is no reason we have to why diamonds should not be produced of considerable size, only we have to find out how to do it. We don't know how to engineer the process so as to get diamonds of considerable, size or even to get a great number in the form of powder or minute crystals. The whole gist of my experiments has been an attempt to get the crystalization of carbon a comparatively low temperature, so that high pressure will not be necessary. Dr. Burton is said to have manufactured several hundred gems, about the identity of which he is in no doubt, by the new process. Though they are of small size their transparency is perfect.

Prisoner Was Particular to Ex-

plain That He Was a Burglar, "What is your name?" asked Sergeant Fitzgerald of the West 125th Street Police Station, as he looked across the desk at a

Station, as he looked across the desk at a heatly clothed young man, who had just been brought in a by a detective sergeant, "IW liam S. Steak," was the prompt peply. "I live at 818 East 136th Street," "What is your business?" "I'm a housebreaker," "What?" almost yelled the Sergeant, "A housebreaker," "That is what I said," was the cool repoly.

"A housebreaker?" That is what I said," was the cool reply.

"What kind of housebreaker?" the puzzied Sergoant persisted.

"A second-story man, if you know what that means."

Sergeant Fitzgerald had no further questions to put.

"Well, you can break me, but you're the limit," he finally said. Then he questioned Detective Sergeant Rellly, who had made the arrest.

"I noticed a chap at 135th Street and Eighth Avenue," Rellly explained.

"I though I membered his face, and as he was acting suspiciously I arrested him."

"Acting suspiciously nothing," Stack sturdily declared. "I'm a plain burglar, not a pickpocket. I never served a term for doing anything else but housebreaking."

The two policemen looked Stack's record up. They found that he had told no more than the truth. He is only 21 years old, but has served four terms for burglary. He was only discharged from Sing Sing a month ago.—New York Press.

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